

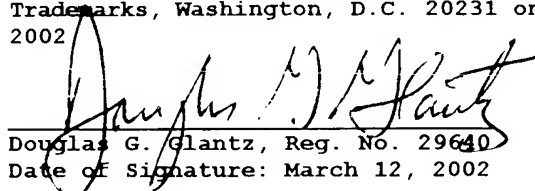
1724
PATENT
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4-18-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Applicant: Sassaman et al.) Examiner: Unknown
Serial No.: 10/001,543) Group Art Unit: 1724
Filed: October 31, 2001) Atty Dock. No.: 352 USF
For: Removing Metal Ions from Wastewater

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on March 12, 2002


Douglas G. Glantz, Reg. No. 29640
Date of Signature: March 12, 2002

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

INFORMATION DISCLOSURE STATEMENT PURSUANT TO
37 C.F.R. 1.97(b) BEFORE FIRST OFFICE ACTION

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In accordance with 37 C.F.R. §1.97(b), the Information Disclosure Statement submitted herewith is being filed before the mailing date of a first Office action on the merits in the above-identified application.

As provided in the Patent Rules in 37 C.F.R. 1.98(d), a copy of any patent, publication or other information listed in an information disclosure statement is not required to be provided if it was previously cited by or submitted to the Office in a prior application, provided that the prior application is properly identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 120. The instant patent application

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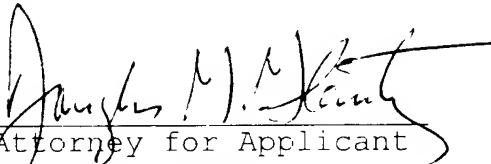
is a Divisional of U.S. Patent Application U.S.S.N 09/113,981,
filed July 10, 1998.

It is respectfully submitted that the present invention, as defined in the claims of the application, is patentable over the disclosures, whether taken singly or in combination. However, this citation is made solely for the purpose of giving the patent Examiner full and convenient opportunity to make an independent review of these references during the examination of this application. No representation of any nature is made or intended by this disclosure.

Respectfully submitted,

March 12, 2002

Douglas G. Glantz
Attorney At Law
5260 Deborah Court
Doylestown, PA 18901


Attorney for Applicant
Reg. No. 29640

Voice (215) 794-9775
Fax (215) 794-8860

Date: March 12, 2002

Sheet 1 of 2

DISCLOSURE STATEMENT

ATTY DOCKET NO.

352 USF

SERIAL NO.

10/001,543

APPLICANT

Sassaman, Jr et al.

FILING DATE

October 31, 2001

GROUP

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
AA	2 2 7 1 4 8 2	1/27/42	Hoelkeskamp et al.	23	55	
AB	3 3 0 1 5 4 2	1/31/67	Medford, Jr. et al.	266	12	
AC	3 4 2 8 4 4 9	2/18/69	Swanson	75	117	
AD	3 4 4 0 0 3 6	4/22/69	Spinney	75	117	
AE	3 6 5 8 6 9 7	4/25/72	Huether	210	18	
AF	3 8 7 3 5 8 1	3/25/75	Fitzpatrick et al.	260	370	
AG	3 9 1 2 8 0 1	10/14/75	Stephens	423	8	
AH	3 9 1 4 3 7 4	10/21/75	Koehler et al.	423	25	
AI	3 9 2 3 7 4 1	12/2/75	Asano et al.	260	561N	
AJ	3 9 4 1 8 3 7	3/2/76	Asano et al.	260	561N	
AK	3 9 5 9 1 2 9	5/25/76	White et al.	210	28	
AL	4 0 1 0 0 9 9	3/1/77	Leach et al.	210	21	
AM	4 0 7 0 2 8 1	1/24/78	Tagashira et al.	210	26	
AN	4 2 1 0 5 3 0	7/1/80	Etsel et al.	210	38B	
AO	4 2 3 1 8 8 8	11/4/80	Dalton	252	182	
AP						

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
AQ					
AR					

OTHER DOCUMENTS

AS	O'Mara & Assoc., Sec. 4-IC Planarization by Chemical Mechanical Polishing, pp.4-32 - 4-34.
AT	"Treatment and Water recycling of Copper CMP Slurry Waste Streams to Achieve Environmental Compliance for Copper and Suspended Solids," Mary Reker et al., <i>Semiconductor Fabtech-8th Edition</i> , (8 pages total).
AU	"Manufacturability of the CMP Process" Malik et al., Thin Solid Films 270 (1995) pp.612-615.

Exam-
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Date Considered

* EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.

PTO 1449 (Modified)

Date: March 12, 2002

Sheet 2 of 2

DISCLOSURE STATEMENT

ATTY DOCKET NO.

352 USF

SERIAL NO.

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Sassaman, Jr et al.

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	BA	4 3 2 9 2 1 0	5/11/82	Merchant et al.	204	107	
	BB	4 5 6 9 7 6 9	2/11/86	Walton et al.	210	759	
	BC	4 6 2 9 5 7 0	12/16/86	Kennedy, Jr.	210	666	
	BD	4 6 6 6 6 8 3	5/19/87	Brown et al.	423	24	
	BE	5 0 4 5 2 1 3	9/3/91	Bowers	210	709	
	BF	5 2 2 5 0 8 7	7/6/98	Kardos	210	713	
	BG	5 2 5 6 1 8 7	10/26/93	Gefvert	75	717	
	BH	5 2 9 8 1 6 8	3/29/94	Guess	210	713	
	BI	5 3 4 6 6 2 7	9/13/94	Siefert et al.	210	729	
	BJ	5 3 4 8 7 1 2	9/20/94	Marquis et al.	423	22	
	BK	5 3 4 8 7 2 4	9/20/94	Hagimori et al.	210	763	
	BL	5 4 6 4 6 0 5	11/7/95	Hayden	423	579	
	BM	5 4 7 6 8 8 3	12/19/95	Abe et al.	523	310	
	BN	5 5 5 8 7 7 5	9/24/96	Busch, Jr.	210	638	
	BO	5 5 9 9 5 1 5	2/4/97	Misra et al.	423	101	
	BP	5 6 1 6 7 9 0	4/1/97	Arnold et al.	562	444	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	BQ						

OTHER DOCUMENTS

	BS	Rohm and Haas "Helpful Hints in Ion Exchange Technology" Robert Kunin, September 1981, IE-73-63-74, (8 Pages total).
	BT	"Industrial Wastewater Treatment by Granular Activated Carbon" Donald G. Hager, <i>Industrial Water Engineering</i> , January/February 1974, pp. 14-28.
	BU	Lewatit - "The Use of Ion Exchange for the Polishing of Water" Martinola et al. Bayer, Paper given at the VGB conference in Essen, October 1985, (43 pages total).

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